ASBESTOS AND ITS USES.

A Queer Mineral That Serves Not a Few Vegetable Uses. "Here is a towel that is never washed and yet is always kept clean," said a chemist to a reporter, handing to him at the same time what appeared to the eye and touch to be nothing more nor less than an ordinary piece of coarse cutton toweling.
"What sort of laundry do you send it

to!" was the natural query.
"This kind," replied the man of science, going over to the corner of his laboratory and stuffing the towel into a small stove that was burning brightly there for chem-

ical purposes. "You understand," said the visitor. "You "You are very much mistaken there," responded the chemist. "I use such towels almost forever and they almost never wear

Out."
With that he lifted off the lid of the stove again and took out the towel with the tongs, dipping it in cold water, and then handing it once more to the news-

"Why," exclaimed the latter, "it is not even injured! What is it made of?"

"It is made of rock," answered the chemist: "but a very peculiar kind of rock—so peculiar, indeed, that the ancients supposed the stuff of which this towel is woven to be of a vegetable nature. They used to wrap bodies that were to be burned in cloths made of the same fiar like sub-stance in order to keep the askes from being lost among the charred wood of the funeral pyre."
"But what is it called?"

"You have often heard of it under the name of 'asbestos,' though very few people apparently have any notion as to what it really is. Ecormous deposits of it exist in Canada and elsewhers. It is a form of a very hard rock called hornblende, and is found in strata of a fibrous consistency readily divisible into silky strands resembling flax. This likeness has given it the name of 'earth flax.' You can see for your-self from this towel how much it looks like a vegetable fabric when woven. An asbestos towel may be used for pretty nearly the same purposes as an ordinary towel, and, when it is dirty, all you have to do is to throw it into the fire and rake it out after a little while perfectly clean." 'Is asbestos used for any other purposes

in these days?" "Oh, yes. It is employed for roofing ma-terial, boiler felting, paper stock and in the mixing of fireproof paints for stage acenery. Also clothes for firemen and gloves to handle red hot iron with are made of it. Sometimes the mineral is found in thin sheets of interlaced fibers, known as 'mountain leather.' Elsewhere it is not in-frequently procured in thick sheets, and in that condition is called mountain cork." -Washington Star.

#### Dragon Trees.

The vegetable and plant life on the Canary Islands has not so laxurious a growth as that which is found on the Madeiras. Nevertheless there is a great wariety of in-teresting plants which well repay the attention of botanists, and some parts of the falands are like beautiful gardens.

Of all the botanical wonders which can be seen there the one which is perhaps most worthy of special mention is the dragon tree (dragena drago). Alexander von Humboldt was the first one to direct

attention to this gigantic tree. The example of this kind of tree which was measured by him was in the garden region of Orotava, on the northern coast of the island of Teneriffe, and had a trunk circumference of seventy-nine feet. Humboldt reckaned its age to be ten toousand pears, but the latest critical researches

rowethat he placed the age much too high, The next largest tree of this species which is known today is the dragon tree of Icod de los Binos, on the western coast of Ten-This tree was carefully measured in 1867,

and again in 1884. The first time the cir-cumference of the trunk, at the height of n little less than three meters from the ground, was found to be nine and one-half meters; twenty-seven years later it was than thirty-eight feet. The tree, therefore, has been proved to increase in size much more rapidly than Humboldt supposed.

The top of this tree is of thick clusters of sword shaped leaves on rather soft, pliable branches, and spreads out in a very pict-uresque manner.—Youth's Companion.

A Point for Persons Going Abroad. The other day I went down to see a friend off for Europe. I found him walking the deck of the steamer with a small black morocco bound book in his band, on each cover of which was stamped prominently a largegold cross. As my friend's religious belief is mather of a negative than positive character I was somewhat surprised to see bim with such a look in his hand, and look, "Hatha!" he exclaimed, as he cought my eye, ' it's a great scheme, my boy." He opened his book and I saw that it was a copy of Baseleker's "Central Italy." "You see," he continued, "the red covered Bac-deker is an advertisement to the guides el poople and shopkeepers all over Europe that its holder is a tourist, and consequently the fellow who carries it around with him is appoyed at every step, I had this cover-which I can apply to any volume of Baedeker-made for me the last time I was abread, and it saved me a lovef amnoyance. With it I have walked into scores of churches as a legitimate wershiper where, otherwise, I should have been beset by guides, beggars and door openers at every step."—New York Star.

Up in the World. Duffer-How's Diamond getting on.

Binffer-Splendidty! Splandidly! He has made a great his. Duffer-Wint's be doine?

Bluffer - Playing ball. - Chicago

### Thick and Glossy."

THE PRODUCTION of an abundant I growth of hair, of a silk-like texture and of the original color, often results from the use, by those who have become bald or gray, of Ayer's Hair Vigor:

"I was rapidly becoming gray and baid: but after using two or three bottles of Ayer's Hair Vigor my hair grew thick and glossy and the original color was restored."—M. Aldrich, Caman Centre, N. H.

Caman Centre, N. H.

"A trial of Aver's Hair Vigor has convinced me of its merits. Its use has not only caused the hair of my wife and daughter to be abundant and glossy, but it has given my rather stunted mustacke a respectable length and appearance."—R. Britton, Oakland, Ohio.

"I have used Aver's Hair Vigor for the past four or five years and find it a most satisfactory dressing for the luir. It is all that I could desire, being harm-less, causing the bair to retain its natural color, and requiring but a small quantity to render the hint easy to ar-range."—Mrs. M. A. Bailey, 9 Charles et Harshill Mass. st., Haverbill, Mass.

#### Ayer's Hair Vigor, PREPARED BY

Dr. J. C. Ayer & Co., Lowell, Mass. Bold by Druggists and Perfumers.

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Hemp Packing, Steam Fittings, Etc. Repairing of all Kinds of Machinery a Specialty. Orders promptly filled for all kinds
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ROYAL SPICE MILLS, Jobbers and Manufacturers, Teas, Coffees, Spices, Extracts, Baking Powders, Bluing, Cigars, Etc. 112 and 114 S Emporia Ave. distand, Kan., carry a full line of hard and so heat flour at their agency in this city. Send for rices and samples.
OTTO WEISS, Agent, 251 N Main. Wichita.

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WICHITA BOTTLING WORKS, OTTO ZIMMERMANN, Pro Bottlers of Ginger Ale. Champagne Cider, Sada Water, Standard Nerve Food, also General Western Agents for Wm. J. Lemp's Extra Pale. Cor. First and Waco Sts., - Wichita

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Fine Carriages, Buggies, Phaetons and all Styles of Vehicles, and jobbers in Carriage Builders Supplies. Buggies, single or in car load lots.

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Manufacturing - Confectioner, Dry: Goods,: Notions: and: Furnishing: Goods. Complete Stock in all the Departments.

215 and 217 South Main St. - - - - Wichita, Kansas. 119, 121 & 123 N Topeka Ave. - - - - Wichita, Kansas.

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Keep everything in the grocery line, show cases, Scales and grocers fixtures. Sole agents for the state for "Grand tepublic" cigars, also sole proprietors of the "Royalty" and "La Innocencia" brands.

d5 233 and 235 South Main Street, - - - - Wichita, Kansas.

#### WICHITA TRUNK FACTORY,

H. HOSSFIELD, Proprietor.

Manufacturer, wholesale, transfer and forwarding agents, and dealers in carriages, wagons, farm implements, wind mills, scales, engines and threshing machinery. We have on hand a full line of the following manufac-Manufacturer Of, and Wholesale and Retail Dealer in threesing machinery. We have on hand a thir line of the following mathracturers goods that we can ship at quick notice:

Studebaker Bros. Mfg. Co., South Bend, Ind.; Enterprise Carriage Co., Cincinnati, Ohio; Hoover & Gamble, Miamisburg, Ohio; Esterly Harvesting Co., Whitewater, Wis; Fairbank, Moore & Co., Chicago, Ill.; Walton Plow Co., Bioomington, Ill.; Pekin Plow Co., Pekin, Ill.; Avery Planter Co., Peoria, Ill.; Jno, Dodds Hay Rack Co., Dayton, Ohio; Frick Engine Co., Waynesboro, Penn.; Massilton Thrusher Co., Massilton, Ohio; Krugslornd & Douglas Mfg. Co., St. Louis, Mo.; Huber Engine Co., Marion, Ohio. Trunks, Valises, Satchels, Shawl and Trunk Straps, Pocket Books, Willow Ware, Etc.

125 W. Douglas Ave.

The late Abraham Bonnafield, clerk of the county court of Tucker county, W. Va., was born without legs over tifty years ago. Yet he was an excellent cavalry soldier in the Confederate army all through the late John Orth, the ex-Arobduke John of

Austria, has established himself in business at Buenos Ayres. He intends soon to go to Valparaise as agent for an Euglish house in menaging shipments of saltpetre and other articles.

Joe Friend, known to the police of several cities as the boy traveler, is now working for a living in San Prancisco. The boy's parents live in Chicago, but they can't keep him house. He is only 12 years old and has wandered over thousands of

Stephen B. Elkins' mountain home in West Virginia is built on a peak from which a view of thirty rafles may be had. The house is more like a barenial castle than a residence. The surrounding mountains are full of trout streams and game



Mr. Kidlets - Got a terrible slow

Stable Keeper-Well, yans, Mr. Kidlets-Reg'lar old procrastina-

Mr. Eidlots-Have him 'round to my hitchin' post at 10 o'clock to-night. One

"How's life with you, Miss Snip?" somebody asked the seamstress, and Miss Snip replied:

"Oh, sew, sew,"-Somerville Journal. At the Athletic Club Window. Alfy-It's hard work looking out at

the girls this hot weather. Regy-Ya-as; but one must take some exercise.-Puck.

The Edible Banana.

The edible banana, it is said, is known to seed only in one small spot on earth, the Andaman Islands. However this may be, It is universally grown from suckers. Its cultivation in the West Indies has vastly increased during the past fifteen years, owing to the demands of the United States for its cheap, wholesome and luscious fruit. About 400 or 500 trees are planted to the acre, and the plantations are called "banans walks." The tree fruits the first year, explains Garden and Forest, and the expense of cultivation is so small that a bunch of bauanas delivered at the sea coast need have oost its owner no more than four or five cants, while it may be sold in the winter months for from twelve to eighteen cents, and in the spring months for four times as much. There are risks attending banana cultivation, however, for the thievish negroes often seriously de-crease the value of a crop, and it may be entirely swept away in a single hour by a

The Work Performed by a Watch, Horticultural Review tells how a skillful watchmaker one day thus reasoned with a customer. "You complain," he said, "that your watch gains a minute a month. Well, then, you will congratulate yourself after you have heard me. You are aware that in your watch the balance, which is the regulator, makes five oscillations every second, which is 432,000 a day, so that your watch, exposed to all the vicissitudes which heat and cold occasion it, the varying weight of the air and the shaking to which it is subjected, has not varied more than one minute in a month, or two seconds a day. It has only acquired with each vibration of the bulance a variation hitchin' post at 10 o'clock to-night. One of the Ele,000th part of one second. Judge, of my daughters is goin' to glope, an' then, what must be the extreme perfection of the mechanism of this watch?

#### THE WICHITA OVERALL AND SHIRT MANUFACTURING CO. MANUFACTURERS AND JOBBERS OF

Overalls, Jeans, Cassimere and Cottonade Pants; Duck Lined Coats and Vests; Fancy Flannel and Cotton Overshirts; Canton Flannel Undershirts, Drawers, Etc.

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When You Have a Good Thing Take It." A writer in a western mining journal says that a standard subject of discussion says that a standard subject of discussion in mining camps is the opportunities that have been missed by those among its deal-zens who made great strikes, but failed to While down o'er the waving fields of grains. realize therefrom, and he states that "when you have a good thing take it" is developing into a proverb among miners. He gives several instances in illustration of his point, and smeng them is that of a New Mexico miner who held \$300,000 mining stock based upon properties in a district that is now practically unknown. The excitement at the time referred to, however, was at red heat. The miner was offered \$40,000 for his wealth of paper, but he passed. He sold out ten years afterward for \$600 and then made a first class trade. In those days, moreover, mining exchanges were more reputable than they are now.

The son of a rich German-American banker constantly carries about with him a little tin box which many believe contains candy, but which really contains cracked ice. The young man eats ice all the year round and always attracts more or less attention when he whips out the box in the cars or at the theatre or wherever he happens to be. stemachic trouble. This Higher of ice has come to be a passion, which, being a banker, he is able to gratify.- New York

Strongly Put.

Greene—He can hok you, can't he? Bryton—He! Why, he couldn't wake me up in fifteen minutes with a Kehoe club!-Chatter.

Like a Watch Charm. "The prisoners work like a charm."
"How's that?" On the end of a chain?" -New York World.

Her Reason. Only a kiss did I beg of her,

Soft shope the sters above

Faintly trembled the beautiful lids-"Quick: for I must away."
"I cannot?" the answer came with a mose;
"Though I love you, darling, the truth must be My tiny kisses are all full grown,

And a little kine don't sak, I pray,
I or it happens my mouth isn't built that way?

—Ovid Britt in Judge. A Bad Quetation.

"I do love yeu, Mabel! You know it is

'in the spring a young man's fancy lightly turns to thoughts of love." "So I thought. No, sir: no lightly spring turns for me. I want the hopest affection that shows itself in the autumn, when the theatres and beils commence, Good-by, Mr. Brown."-Harper's Bazar.

Something Unusual. Miss Frotisque-I always thought Mr. Slowboy very bashful and rething, but last night he actually kissed me. Miss Canstique—Dear me! How sur-prised you must have felt!—Epoch.

White radishes can be cooked as a sortists tute for turnips, to which some people prefor them.

Beets one their nutritions qualities to the sugarthey contain, which amounts to Tyrotoxiton, the special poison of ice cream anticheese, is developed through a chemical action in milk.—Hotel Mail.

Black ribbons are beginning to be much in fashior-on many-colored groups and play their particulation disease, especially with his harshaft believe.

Offshe 806 new roses produced during 1889, 75 are credited to France, and but 5 to the United States.

A marine on duty at the navy yard is unable to speak above a whisper, in conse-quence of having habitually eaten gumpowder for years.

The deepest running stream that is known is the Niagara river, just under the suspension bridge, where it is 700 feet deep by actual measurement.

The little bronze Victoria cross is probably the aroudest of all modern war decordewi, number only 450 persons.

It is estimated that \$1,112,000 is invested in the Delaware river sturgeon fishery industry. The catch of 1890 is valued at \$400,000, and 2,072 men are employed.

Pineapple growing has become a large industry in Florida. The Melbourne News sage: "From 150 to 400 crates of pivespples come up on every trip of the St. Lucie." The percentage of light lost to passing through window glass is, through clear glass, 12 per cent.; slightly ground, 24; half ground, 35; all ground, 40, and spal

Negroes of all ages are attending school at Meansville, Ga. One negro woman, 75 years old, goes and carries her children. and a negro man, 85 years old, attends

school and is in his A, B, Cs. One of the peculiar industries of Kern county, Cal., is the collection and shipment of horned toads. They are sold to the Chinese, who use them for medicinal purposes. They are considered especially valuable in

The quickest, strongest and purest Dry Hop Yeast on the market. Will keep a year in any climate. Price, 5 cents per package of 7 cakes For sale by all wholesale and retail The fact that the waves of the North sea differ in shape when caused by northeast Manufactured by Corner & Farnum winds under high pressure from those caused by a southwest wind with low barometer is considered as a proof that the factory sorner Kellogg and Mosley air in an anti-cyclone is a descending current and the air in a cyclone an ascending

By saturating bullets with vaseline they may be easily seen in their course from the rifle to the target. Their trajectory course WALL PAPER is marked by a beautiful ring of smoke, caused by the vaseline being sguitted on leaving the muzzle of the gun, the smoke being suspended for some time in the air if 150 N Market St., Wichita, Kan CHAS. LAWRENCE,

The largest room in the world, under one roof and unbroken by pillars, is at St. Petersburg, it is 620 feet long by 150 in Photograhers': Supplies! breadth; by daylight it is used for military displays, and a battalion can completel maneuver in it; 20,000 wax tapers are re quired to light it; the roof of this building

#### BEE SUPERSTITIONS.

Bees, it is said, object to thrive if dishon stly come by; on the contrary, they forthwith pine away and die.

The swarming of bees on a piece of dead wood is regarded as a sure sign of death in 213 South Main, Wichita, Kan. some districts of England. In some parts of England the entrance of a bumble bee into a cottage is looked upon as a certain sign of death. The Hyde & Humble Sta. Co.,

To sell bees for money is considered a most unlucky proceeding, but they may be bartered away and all will go right. Quarrelsome people, if inclined to live in he country and keep bees, are warned to

mend their ways or their hives will soon secome deserted. In France, when the mistress dies, the WICHITA STEAM LAUNDRY. custom is to tap thrice on the hive, repent-ing these words in French: "Little bees, Makes a specialty of doing work for your mistress is dead."

outside towns and cities. Agents wanted everywhere. Write for terms. England, that bees do not succeed at all in storing up honey whenever there are wars abroad.-London Standard. In some parts of England the bees are not only informed of a death in the family.

but their apiaries are decked with crape and the bees are invited to the funeral. Informing bees of a death in a family i a custom still practiced in many parts of England. If the necessary formalities were not fully conformed with the bees would certainly take offense and leave their hives,

never to return. In Lithuania, Poland, when the master or the mistress of the house dies, not only the bees, but the live stock generally are supposed to be acquainted with the fact by the rattling of a bunch of keys, and if this were omitted it is thought the stock would

ATCHISON PHILOSOPHY.

The devil grins when he hears of a man of forty trying to reform.

The real dangerous things are usually regarded as perfectly safe. A true friend is always doubtful of his

attractiveness to his friends. Irony has saved many men from egotism and many women from vanity. Justice carries a two edged sword, bu

mercy purposely goes unarmed. In most cases where people are wronged there is contributory negligence.

If you would be popular with all men, reprove the wise and flatter the foolish. If you had been deceived as often as the world you would be just as incredulous. You hear very little about idealism from

BEECHAM'S PILLS Cure BILIOUS and Nervous ILLS. 25cts. a Box. OF ALL DRUGGISTS.

MUNICIPAL OF GASTHUNDMY.

A diet of fruit and vegetables is the most Artichekes are the better for being slight-

r stale when used. Parsnips properly cooked should be as soft and mealy as a potato.

Excellent sandwiches can be made of pate do foi gras and brown bread. The sold of the cummber comes from a peculiar ingredient called fungin.

2.1 YCOB2 OIL Cures

Backache.

Backache.

Martinez Cal., October 2, 1888.

I could hardly walk of the down from lame-back, suffered several weeks. St. Jacobs Oit permanently cured me, other remedies having failed to do so.

FRED HITTMAN.

Cloverdale, Ind., Feb. 3, 1887.

From a had cold pains settled in my back and I sensevel greatly confined to bediand could hardly move or turn. I ried St. Jacobs Oil, who he cured me. I do not fear recent remed.

MRS F. M. REINHEIMER.



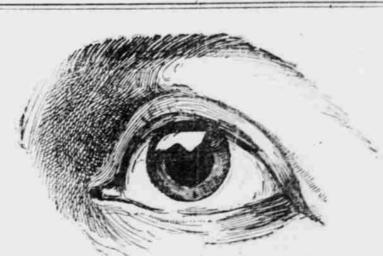




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EAKMANHOOD the man who has tried to be his own ideal.



Bright eyes and dull; near sighted; far sighted; anybody (except those who won't, and they are worse than blind) can see at a glance the advantages gained by using PEARLINE. We do not expect everyone will see it, but millions do, and the number increases every day.

Delicate women and strong, wonder at the amount of work they can do with the aid of PEARLINE-the time saved; the satisfactory results, and when they have used it for years they realize that everything that is washed or cleaned with PEARLINE lasts longer. This is very simple-PEARLINE does away with most of the rubbing-the greatest wear and tear that clothes are subjected to is the repeated rubbings necessary to keep them clean with ordinary soap. Your own interests should lead you to use it, if you do your own work and value your fine linens and flannels; the latter reason should surely convince any bright woman that it is to her interest to see that her servants use it. PEARLINE makes a

saving all around, Peddlers and some unscrapulous grocers are offering Tare imitations which they claim to be Featine, or same as Peatine. "IT'S FALSE—they are not law to lamks PVLE New York